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U.S. Department of the Interior • U.S. Geological Survey

# MINERAL INDUSTRY SURVEYS

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Gordon P. Eaton, Director

Reston, VA 20192

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**For information call:**

**George Rabchevsky (703) 648-7711**

**FAX No. (703) 648-7722**

**William Field (data) (703) 648-7991**

**FAX No. 1-800-543-0661**

**Phosphate Rock, Monthly**

**Mines FaxBack: (703) 648-4996; Document No. 540006**

**Mines Data: (703) 648-7799**

## MARKETABLE PHOSPHATE ROCK -- JUNE 1996

U.S. marketable phosphate rock production in June 1996 decreased about 4% compared to the prior month, according to the U.S. Geological Survey (USGS). Annualized production was 44.5 million metric tons in June compared with production of 43.4 million tons in 1995.

Domestic phosphate rock sold or used, excluding exports for June, decreased to slightly more than 3.2 million tons between May and June, with all annualized sales or use running about 6% behind the total for 1995 (Table 3).

U.S. producer ending stocks for June increased about 6% compared with May. In the Florida-North Carolina producing region, stocks rose nearly 9%, while stocks in Idaho, Montana, and Utah decreased slightly compared with the previous month.

U.S. phosphate rock export volume reported to the USGS by domestic producers in June were nearly the same as May 1996 levels. Total U.S. import tonnage was estimated by USGS to average 150,000 tons per month, or 1.8 million tons per year. June import data were not available at the time of publication.

Estimated 1996 apparent domestic consumption, calculated from the sum of home deliveries and adjusted import data, translated to an annual rate of 40.7 million tons per year compared with 42.6 million tons in 1995.

The Moroccan Office Cherifien des Phosphates furnished the information in Table 4 on Moroccan exports from January through June, 1996.

TABLE 1  
UNITED STATES PHOSPHATE ROCK STATISTICS, BY REGION 1/

(Thousand metric tons)

Period	Marketable production	Sold and/or used			Ending stocks 2/
		Domestic	Exports	Total	
Florida and North Carolina:					
1995:					
June	2,930	2,880	203	3,080	4,080 3/
Jan.- June 3/	19,300	18,000	1,470	19,500	XX
July	3,200	2,870	187	3,060	3,760
August	3,150	2,770	229	3,000	3,890
September	3,130	2,970	247	3,220	3,790
October	2,890	2,880	284	3,160	3,760
November	2,930	2,710	202	2,910	3,800
December	2,910	2,940	264	3,200	3,660
July-Dec.	18,200	17,100	1,410	18,600	XX
Jan.-Dec.	37,500	35,100	2,880	38,100	XX
1996:					
January	2,980	2,790	158	2,950	3,690
February	2,900	2,670	275	2,950	3,690
March	3,170	2,890	231	3,120	3,750
April	3,140 e/	2,900 e/	W	2,900 e/	3,850 e/
May	3,200	2,750	W	2,750	4,170
June	3,140	2,690	W	2,690	4,550
Idaho, Montana, and Utah:					
1995:					
June	694	432	--	432	2,100 3/
Jan.- June 3/	2,670	2,650	--	2,650	XX
July	634	623	--	623	1,790
August	710	573	--	573	2,050
September	677	485	--	485	2,100
October	470	532	--	532	1,990
November	371	379	--	379	1,950
December	335	396	--	396	1,940
July-Dec.	3,190	2,990	--	2,990	XX
Jan.-Dec.	5,860	5,640	--	5,640	XX
1996:					
January	250	382	--	382	1,920 e/
February	383 e/	315 e/	--	315 e/	2,010 e/
March	421	389	--	389	2,050 e/
April	564	495	--	495	2,150
May	618	511	--	511	2,200 r/
June	510 e/	552 e/	--	552 e/	2,180 e/
United States:					
1995:					
June	3,620	3,310	203	3,510	6,180 3/
Jan.- June 3/	22,000	20,700	1,470	22,100	XX
July	3,830	3,490	187	3,680	5,550
August	3,860	3,340	229	3,570	5,940
September	3,810	3,460	247	3,700	5,890
October	3,360	3,410	284	3,700	5,740
November	3,300	3,090	202	3,290	5,750
December	3,250	3,330	264	3,600	5,600
July-Dec.	21,400	20,100	1,410	21,500	XX
Jan.-Dec.	43,400	40,800	2,880	43,700	XX
1996:					
January	3,230	3,170	158	3,330	5,610 e/
February	3,280 e/	2,990 e/	275	3,260 e/	5,700 e/
March	3,590	3,280	231	3,510	5,800 e/
April	3,700 e/	3,400 e/	W	3,400 e/	6,000 e/
May	3,820	3,260	W	3,260	6,370 r/
June	3,650 e/	3,240 e/	W	3,240 e/	6,730 e/

e/ Estimated. r/ Revised. W Withheld to avoid disclosing company proprietary data. XX Not applicable.

1/ Data are rounded to three significant digits; may not add to totals shown.

2/ Includes inventory adjustments.

3/ Final data. This is reported in the (crop-year--July 1994 through June 1995) Annual Review publication, December 1995. Previously reported monthly data is preserved to show month-to-month activities that closely follow the production, sales/use and inventory data acquired through monthly surveys.

TABLE 2  
U.S. IMPORTS 1/ 2/ 3/ AND EXPORTS 4/ OF PHOSPHATE ROCK 5/

(Thousand metric tons and thousand dollars)

Period	Imports		Exports	
	Quantity	Value	Quantity	Value
1995:				
June	99	5,370 e/	203	5,500
Jan.-June 1995	345	17,400	1,470 6/	37,700 6/
July	168	9,170	187	5,150
August	(7/)	23	229	6,290
September	136	6,830 e/	247	7,080
October	140 e/	7,040 e/	284	8,260
November	144 e/	7,240 e/	202	6,340
December	150 e/	7,540 e/	264	7,680
Jan.-Dec. 1995	1,080 e/	55,200 e/	2,880	73,900
1996:				
January	(7/)	32	158	4,050
February	64	3,730	275	8,820
March	49	2,790	231	7,210
April	(7/)	2	W	W
May	62	3,660	W	W
June	NA	NA	W	W

e/ Estimated. NA Not available. W Withheld to avoid disclosing company proprietary data.

1/ Data supplied by the Bureau of the Census under the Harmonized Tariff Schedule of the United States HTS Nos. 2510.10.0000 and 2510.20.0000.

2/ C.i.f. (cost, insurance, and freight) values at U.S. ports.

3/ Excludes data suppressed by the Bureau of the Census.

4/ Quantity and value f.o.b. mine reported by respondents in the monthly survey.

5/ Data are rounded to three significant digits; may not add to totals shown.

6/ As reported or calculated using data from the Crop Year 1995 annual survey publication, December 1995.

7/ Less than 1/2 unit.

TABLE 3  
COMPARATIVE PHOSPHATE ROCK STATISTICS

(Million metric tons per year and dollars per metric ton for period shown)

	1993	1994	1995	1996 (YTD annualized)
United States:				
Marketable production:				
Florida and North Carolina	29.9	34.0	37.5	37.3
Montana, Idaho, and Utah	5.2	7.1	5.9	5.5 e/
Total 1/	35.5	41.1	43.4	42.8 e/
Sold or used by producers: 2/				
Florida and North Carolina	34.7	37.4	38.0	35.8
Montana, Idaho, and Utah	5.9	6.7	5.6	5.3 e/
Total 1/	40.1	44.1	43.6	41.1 e/
Yearend stocks	9.2	6.0	5.7	XX
Exports	3.2	2.8	2.9	W
Average value per ton	\$28.51	\$25.60	\$25.66	\$31.83 3/
Imports for consumption	1.4 e/	1.8 e/	1.8 e/	1.8 e/
Average value per ton	\$60.45	\$48.76	51.3 e/ 4/	57.95 e/ 3/
Apparent consumption	38.3 e/ 5/	43.1 e/ 5/	42.6 e/ 5/	40.7 e/ 5/

e/ Estimated. W Withheld to avoid disclosing company proprietary data. XX Not applicable.

1/ Data may not add to totals shown because of independent rounding.

2/ Includes exports reported by producers.

3/ Calculated from nonannualized 1996 data, January through the most recent month of available reporting.

4/ Calculated from nonannualized 1995 data, January through December.

5/ Calculated as total domestic sales or used plus imports minus exports, where imports are estimated to average about 150,000 tons per month, (and though the average monthly estimate may appreciably exceed any one month's reported imports).

TABLE 4  
MOROCCAN  
PHOSPHATE ROCK EXPORTS 1/  
January - June, 1996

(Metric tons)

Country of destination	Quantity
Australia	53,300
Austria	51,000
Belgium	296,000
Brazil	31,500
Bulgaria	63,100
Canada	40,000
France	98,900
Germany	66,800
Greece	49,500
India	94,100
Indonesia	91,300
Ireland	5,200
Italy	114,000
Japan	63,400
Mexico	918,000
Netherlands	107,000
New Zealand	95,700
Pakistan	65,500
Poland	239,000
Portugal	5,500
Romania	75,700
Spain	871,000
Sweden	31,300
Turkey	20,000
United Kingdom	6,500
United States	879,000
Venezuela	45,300
Yugoslavia	152,000
Total	4,630,000

1/ Data are rounded to three significant digits;  
may not add to total shown.

Source: Moroccan Office Cherifien des  
Phosphates.